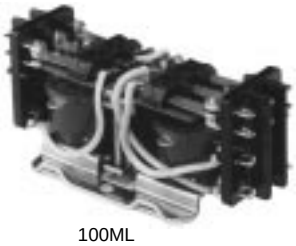
查询20030-82供应商



100ML

DELTROL controls / DC DIVISION OF DELTROL CORP.

100ML SERIES GENERAL PURPOSE MAGNETIC LATCHING RELAYS

FEATURES

- Inexpensive, General Purpose Latching Relays
- Pole Configuration Up to 6PDT
- Molded Class F Coils Handle High Ambient Temperatures, Resist Moisture and Dust
- Snap Action, One Piece Armature Eliminates Interconnections
- No Power Required to Maintain Contact Status - Only a Pulse to Change

CONTACT DATA

CONFIGURATION:
Thru 6PDT

MATERIALS:

5 AMP:
1/8" Diameter Moveable Fine Silver
3/16" Diameter Stationary Fine Silver

10 AMP:
3/16" Diameter Moveable Silver Cadmium Oxide
3/16" Diameter Stationary Fine Silver

Gold Flash is Standard on All Contacts

Gold Diffused Available on Special Order - Min. Qty. Req'd.

CONTACT RATINGS

MOVEABLE CONTACT SIZE	POLE CONFIGURATION	UL RATINGS**
1/8" Diameter	SPDT DPDT 3PDT 4PDT 5PDT 6PDT	5 amp or 1/8 HP at 120 VAC 5 amp or 1/4 HP at 277VAC 5 amp at 28VDC
3/16" Diameter	SPDT DPDT 3PDT 4PDT 5PDT 6PDT	10 amp or 1/3 HP at 120 VAC* 10 amp or 1/2 HP at 277VAC 10 amp at 28VDC

* 3 Pole and 6 Pole Rated at 6-2/3 Amp When Switching Greater Than 150VAC Unless Polarity is the Same on All Poles
** UL and CSA on Model 100ML and 101ML Only

UL RECOGNIZED FILE NO.: E37066
CSA CERTIFIED FILE NO.: LR20690

EXPECTED LIFE

Electrical At Rated Load (Minimum)
100,000 Operations

Mechanical Life
10,000,000 Operations

DIELECTRIC STRENGTH

800 VRMS, 60 Hz Between Contacts
[illegible]en Other Elements

MODELS

100ML: 5 Amp Latching Relay
101ML: 10 Amp Latching Relay
102ML: 5 & 10 Amp Latching Relay. No UL or CSA Recognition
103ML: 5 & 10 Amp Latching Relay Polarized for Applications Requiring Rejection of Wrong Signals Responds to External Change in Operating Polarity. No UL Or CSA Recognition

COIL DATA

	NOMINAL VOLTAGE	RESISTANCE IN OHMS ± 10%	NOMINAL COIL POWER
AC Coils	6VAC 12VAC 24VAC 120VAC 240VAC	4.5 18 72 1850 7200	3.5VA
DC Coils	6VDC 12VDC 24VDC 110VDC	20 80 315 6800	2W

Coil Voltages: AC: Up to 277 Volts/60 Hz
DC: Up to 125 Volts
Coil Treatment: Molded Rynite® Std. Class F
Insulation Resistance: 100 Megohms Minimum
UL Insulation System File No.: E74443
S155D 155°C Total Temperature Std.
(Covers S105 Class A and S130D Class B Requirements)

OPERATE DATA

Pick Up (at 25°C): AC Volts 85% or Less of Nominal
DC Volts 75% or Less of Nominal
Operate Time: Approx. 20 Milliseconds
Release Time: Approx. 20 Milliseconds

ENVIRONMENTAL DATA

Operating Ambient: AC: -45° to 85°C
DC: -45° to 100°C
Coil Temperature Rise: (25°C Ambient – Continuous Duty)
AC: 45°C Approx. @ 60 Hz – Use at 50 Hz will Cause Slight Increase in Coil Rise
DC: 45°C Approx.

MECHANICAL DATA

Terminals: All Versions Pierced Solder Lugs
Weight: Approx. 5 oz. (142 g)

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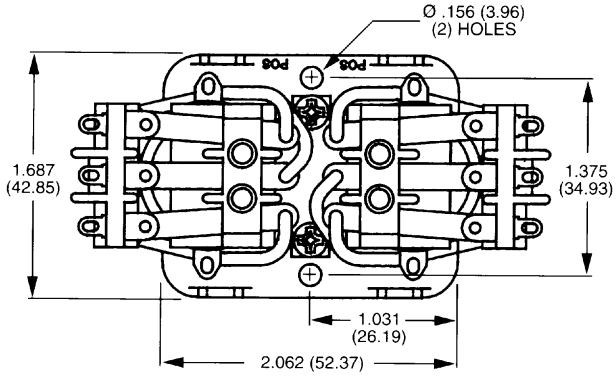
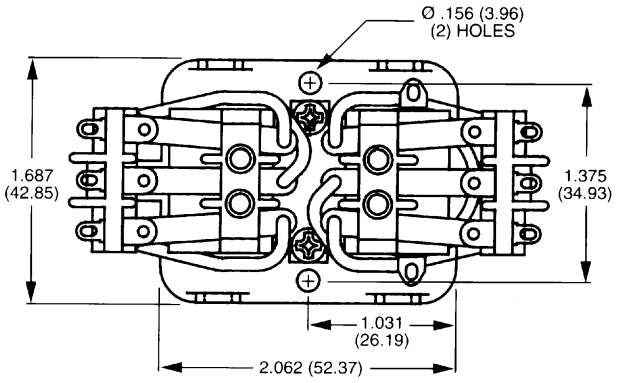
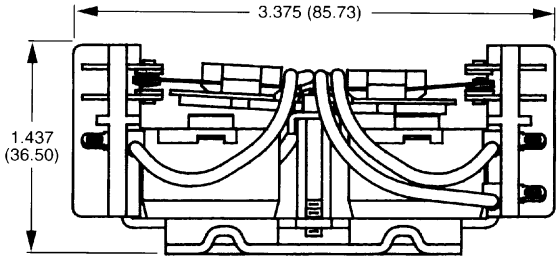
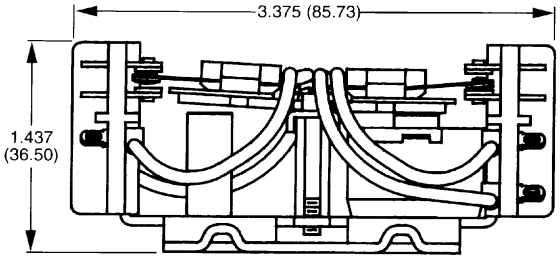
DIMENSIONS [Unit Inch (mm)]





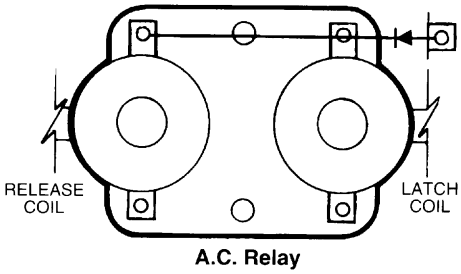


100ML/101ML

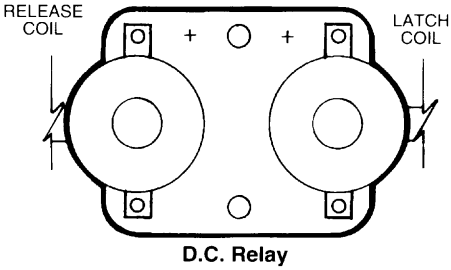


103ML

(102ML Dimensions Same as 103ML, but with Second Coil Added)



A.C. Relay



D.C. Relay

Note: Polarity Indicated Must be Observed

ORDERING INFORMATION

5 AMP Part Numbers

		AC Coils			DC Coils		
MODEL	**POLE CONFIG.**	**24VAC**	**120VAC**	**240VAC**	**12VDC**	**24VDC**	**110VDC**
100ML	4PDT 6PDT	20351-82 20355-82	20351-83 20355-83	20351-84 20355-84	20024-81 20026-81	20024-82 20026-82	20024-83 20026-83
102ML	4PDT 6PDT	20028-82 20030-82	20028-83 20030-83	20028-84 20030-84	--- ---	--- ---	--- ---

10 AMP Part Numbers

101ML	4PDT 6PDT	20352-82 20356-82	20352-83 20356-83	20352-84 20356-84	20025-81 20027-81	20025-82 20027-82	20025-83 20027-83
102ML	4PDT 6PDT	20029-82 20031-82	20029-83 20031-83	20029-84 20031-84	--- ---	--- ---	--- ---

ıimum Quantity May Be Required.

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